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# Programme

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of the Twentieth

# Provincial Dairy Convention Alberta

To be held under the Joint Auspices of the Department of Agriculture and  
The Alberta Dairymen's Association

In the Auditorium of the  
**PALLISER HOTEL,**  
**CALGARY, ALBERTA**

**WEDNESDAY, THURSDAY**  
**AND FRIDAY**  
**FEBRUARY 4th, 5th and 6th, 1925**

Printed by Direction of Hon. Geo. Hoadley, Minister of Agriculture.

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## OFFICERS OF THE ALBERTA DAIRYMEN'S ASSOCIATION

President - NORMAN S. CLARKE, Didsbury  
Secretary-Treasurer - E. T. LOVE, Edmonton

**Directors:**

P. PALLESEN, Calgary  
THOS. NOBLE, Daysland  
J. W. SKELLY, Calgary  
D. J. CHRISTIE, Edmonton  
G. M. JAMES, Wetaskiwin

PRODUCERS' SECTION:

Chairman—D. J. CHRISTIE, Edmonton Vice-Chairman and Sec'y-Treasurer—E. R. RASMUSSEN, Wetaskiwin

**Directors:**

N. S. CLARKE, Didsbury    H. E. SHENFIELD, Bowden    THOS. NOBLE, Daysland    H. BOLTON, Lethbridge

## MANUFACTURERS' SECTION:

Chairman - J. W. SKELLY, Calgary Secretary-Treasurer - E. T. LOVE, Edmonton

## Committee:

W. W. PREVEY, Edmonton      F. C. WELLS, Edmonton      P. PALLESEN, Calgary

BUTTER, CHEESE AND ICE CREAM MAKERS' SECTION:

Chairman - G. M. JAMES, Wetaskiwin Vice-Chairman - WM. HANSON, Lacombe  
Secretary-Treasurer - W. H. JACKSON, Innisfail

## Committee:

A. A. DUNKLEY, Olds

CONVENTION COMMITTEE:

Convention Secretary—F. STAMPE.

Publicity and Finance—F. STAMPE, Chairman; MISS JEAN GRANT, R. LEWIN, N. S. SMITH, M.L.A., E. T. LOVE, G. P. MARKER.

Entertainment—J. W. SKELLY, Chairman; H. M. ROBERTS, R. G. LEWIN, C. C. THOM, J. R. FLAN, T. BELSHEM, F. STAMPE.

Reception—T. M. CARLYLE, Chairman; R. G. LEWIN, NORMAN S. CLARK, C. C. THOM, H. M. ROBERTS, J. B. FLAN.

Transportation—R. G. LEWIN, Chairman; F. STAMPE, S. C. BETTS, GEO. SCOTT.

Boys' and Girls' Judging Competitions—G. H. HUTTON, Chairman.

**DONORS OF PRIZES IN THE BUTTER AND CHEESE CLASSES  
AT THIS CONVENTION**



The Department of Agriculture, Alberta.  
The Alberta Dairymen's Association.

P. Burns & Co., Ltd., Calgary.  
The De Laval Co., Ltd., Winnipeg.



Note.—Several "Inter-provincial" Contests, open to buttermakers in the Provinces of Manitoba, Saskatchewan and Alberta, will be judged at the Manitoba Dairy Convention, Winnipeg, January 27th, 28th and 29th, at the Saskatchewan Dairy Convention, Prince Albert, February 3rd, 4th and 5th, and at the Western Canada Dairy Convention, Vancouver, February 10th to 13th, 1925. The details of these have been announced.

# PROGRAMME



WEDNESDAY, FEBRUARY 4th, 1925

9:30 a.m. Girls' and Boys' Dairy Cattle Judging Competition.

## Manufacturers' Section of the Alberta Dairymen's Association

10:00 a.m. General Business.  
Election of Officers.

## Producers' Section of the Alberta Dairymen's Association

11:00 a.m. Report of Chairman - - - - - D. J. Christie, Edmonton.  
Report of Secretary - - - - - E. R. Rasmussen, Wetaskiwin.  
Reports from Committees.

1:30 p.m. Address - - - - - C. P. Marker, *Dairy Commissioner*.  
General Business.  
Election of Officers.

WEDNESDAY, FEBRUARY 4th, 1925



**Butter, Cheese and Ice Cream Makers' Section**

- 10:00 a.m. Business Meeting and Election of Officers.
- 11:00 a.m. Address (followed by discussion) - - - C. P. Marker, *Dairy Commissioner*.
- 12:15 p.m. Adjournment for Lunch.
- 1:30 p.m. Business as announced at Morning Session.
- 2:30 p.m. Butter judging contest open to all creamery buttermakers (in room H).
- 4:00 p.m. Meeting of newly elected Executive to choose officers for 1925.



WEDNESDAY EVENING, FEBRUARY 4th, 1925



Chairman - H. A. Craig, *Deputy Minister of Agriculture.*

8:00 p.m. Appointment of Resolutions Committee.

Address of Welcome - - - - - His Worship Mayor Webster.

“A Nation in the Making” (illustrated) - A. E. Ottewell, *Director Extension Dept., University of Alberta.*

“Some Observations in the Old Lands” - - - - - Hon. Geo. Hoadley, *Minister of Agriculture.*

## THURSDAY MORNING, FEBRUARY 5th, 1925

Chairman - Norman S. Clarke.

- 9:30 a.m. Annual General Meeting of the Alberta Dairymen's Association.
- 11:00 a.m. Address - - - - - H. A. Craig, *Deputy Minister of Agriculture.*  
Address and Report on Convention Exhibits - L. A. Gibson, *Dairy Commissioner for Manitoba.*

## THURSDAY AFTERNOON

Chairman - - - W. W. Prevey.

- 2:00 p.m. "The Butter Situation".....Dr. J. A. Ruddick, *Dairy and Cold Storage Commissioner, Ottawa.*
- 2:45 p.m. "Stabilizing Agriculture by the Means of the Dairy Cow"....G. H. Hutton, *Supt. of Agr. & An. Ind., C.P.R., Calgary.*
- 3:30 p.m. "The Grading Principle in Dairy Herd Management....Prof. J. P. Sackville, *University of Alberta.*
- 4:15 p.m. "Feeds for Supplementing Summer Pastures".....S. G. Carlyle, *Live Stock Commissioner.*

## THURSDAY EVENING

- 7:00 p.m. Annual Dinner at Hotel Palliser.....Toastmaster, Dean E. A. Howes, *University of Alberta.*  
Announcement of Winners in the Various Contests.  
Dancing.

## FRIDAY MORNING, FEBRUARY 6th, 1925

Chairman - Norman S. Clarke.

9:30 a.m. "Matters of Interest to Dairymen".....D'Arcy Scott, *Secretary of General Counsel, National Dairy Council.*

10:15 a.m.—"Dairy Cattle Judging Demonstration"....The Winning Team in the Girls' and Boys' Competitions.

10:45 a.m. "Our British Markets".....W. A. Wilson, *Agricultural Products Representative, London.*  
Discussion.  
Resolutions.



## FRIDAY AFTERNOON

Chairman - - - D. Morkerberg.

2:00 p.m. "Our Dairy Situation" - - - - - C. P. Marker, *Dairy Commissioner.*

2:30 p.m. "The Federal Grading Service", Jos. Burgess, *Chief Division of Dairy Produce, Montreal.*

3:15 p.m. "Yeasts and Moulds" .....Dr. E. G. Hood, *Chief Division of Dairy Research, Ottawa.*

Unfinished Business.

# Memorandum of Contests for Buttermakers



## 1. The Convention Creamery Butter Exhibit.

This exhibit consists of a 14-lb. box of butter, solid pack, put up in each of the months of May, June, July, August, September and October.

### Prizes

*The Burns Challenge Trophy*, with cash prizes of \$25.00 and \$15.00, presented by Messrs. P. Burns & Co., Ltd., Calgary.

*The De Laval Alberta Provincial Special*, \$125.00 in cash, divided into seven prizes, presented by the De Laval Co., Ltd., as follows:

|                        |                        |
|------------------------|------------------------|
| First Prize....\$27.00 | Fifth Prize....\$15.00 |
| Second Prize 23.00     | Sixth Prize.... 13.00  |
| Third Prize.. 19.00    | Seventh Prize 11.00    |
| Fourth Prize 17.00     |                        |

## 2. The Canada-Wide Creamery Butter Contest,

will be held under the auspices of the Alberta Dairymen's Association. The exhibit consists of one 14-lb. box of butter, solid pack, shipped not later than the tenth day of December, 1924, and one 14-lb. box of butter, solid pack, shipped not later than the tenth day of January, 1925.

### Prizes

The sum of \$300.00 in cash will be awarded to the exhibitors in this class as follows:

FIRST PRIZE on all exhibits scoring 42 points and over for flavour and a total of not less than 96.5 points.

**SECOND PRIZE** on all exhibits scoring 41.5 to 41.9 points for flavour and a total of not less than 96 points.

**THIRD PRIZE** on all exhibits scoring 41.0 to 41.4 points for flavour and otherwise reaching the "Special" grade standard.

**PROVIDED**, that after taking into consideration the general conditions surrounding the manufacture of the exhibits in either of the classes, the Executive Committee may, upon the written recommendation of the Judge or Judges of the butter, authorize a uniform reduction of up to one point in the minimum scores ordinarily required to qualify for standing and prizes in each group.

3. **The Exhibitions' Contest.** Open to butter-makers who exhibited creamery butter at the exhibitions held during 1924 at Calgary, Edmonton, Regina, Brandon, Vancouver, Toronto, Ottawa, London, New Westminster, Victoria, and the Royal Winter Fair, Toronto.

4. **Butter Judging Contest**, open to all butter-makers. (See Programme.)

#### Prizes

|                              |                                |
|------------------------------|--------------------------------|
| <b>First Prize</b> ..\$10.00 | <b>Fifth Prize</b> .....\$4.00 |
| <b>Second Prize</b> 8.00     | <b>Sixth Prize</b> ..... 3.00  |
| <b>Third Prize</b> 7.00      | <b>Seventh Prize</b> .. 2.00   |
| <b>Fourth Prize</b> 5.00     | <b>Eighth Prize</b> .... 1.00  |

# Memorandum of Contest for Cheesemakers



## 1. The Convention Cheese Exhibit.

|                                       |   |   |   |   |         |        |        |
|---------------------------------------|---|---|---|---|---------|--------|--------|
| CLASS 1.—Large Canadian Cheddar (one) | - | - | - | - | \$10.00 | \$8.00 | \$7.00 |
| CLASS 2.—Twins .....(two)             | - | - | - | - | 10.00   | 8.00   | 7.00   |
| CLASS 3.—Stilton .....(two)           | - | - | - | - | 10.00   | 8.00   | 7.00   |

This Contest is open to cheese factories in Alberta, and all Exhibits shall have been made prior to January 1st, 1925.

Note.—There were twelve cheese factories in operation in Alberta during the Season, 1924, and they report having made 1,675,000 pounds of cheese.

TABLE I.—GRADING OF CREAMERY BUTTER, ALBERTA, 1915-1924.

| Year       | Creamery Butter<br>Manufactured<br>Pounds | Average<br>Selling<br>Price | Creamery Butter Graded by Department of Agriculture |                          |                |                 |              |
|------------|---|-----------------------------|---|--------------------------|----------------|-----------------|--------------|
|            |   |                             | Pounds  | Percentage in Each Grade |                |                 |              |
|            |   |                             |   | Special<br>Grade         | First<br>Grade | Second<br>Grade | Off<br>Grade |
| 1915 ----- | 7,544,148                                 | 26.79c                      | 3,600,900   | 33.0                     | 39.7           | 24.3            | 3.0          |
| 1916 ----- | 8,521,784                                 | 30.74                       | 4,214,312   | 43.9                     | 41.7           | 12.9            | 1.5          |
| 1917 ----- | 8,944,171                                 | 38.17                       | 4,644,646   | 56.3                     | 36.3           | 6.7             | .7           |
| 1918 ----- | 9,053,237                                 | 44.47                       | 5,427,134   | 50.4                     | 38.6           | 10.3            | .5           |
| 1919 ----- | 11,822,890                                | 51.87                       | 6,830,308   | 29.7                     | 50.8           | 18.9            | .6           |
| 1920 ----- | 11,821,291                                | 55.45                       | 6,120,325   | 19.0                     | 55.6           | 24.7            | .7           |
| 1921 ----- | 13,048,493                                | 34.82                       | 5,954,991   | 7.7                      | 66.7           | 24.7            | .9           |
| 1922 ----- | 15,417,070                                | 33.25                       | 7,264,219   | 27.5                     | 55.0           | 16.3            | 1.2          |
| 1923 ----- | 17,868,853                                | 32.97                       | 10,776,318 (x)                                      | 21.6                     | 64.7           | 12.6            | 1.1          |
| 1924 ----- | Est. 21,500,000                           | 31.5                        | 14,954,581 (x)                                      | 19.9                     | 66.8           | 12.3            | 1.0          |

(x) This figure includes butter given initial grading for Federal Grading Certificates.

Department of Agriculture,  
Dairy Commissioner's Office,  
Edmonton, January 15th, 1925.

**TABLE II.—GRADING OF CREAM BY PROVINCIAL CREAM GRADING SERVICE, ALBERTA**

|                         | 1922           | 1923           | 1924           |
|-------------------------|----------------|----------------|----------------|
| Lbs. Cream Graded ..... | 30,778,344     | 41,824,366     | 49,612,861     |
| Lbs. Butterfat .....    | 10,185,277     | 13,713,758     | 16,518,954     |
| Average Fat Test .....  | 33.1 per cent. | 32.8 per cent. | 33.3 per cent. |
| Table Cream .....       | 2.3 per cent.  | 4.1 per cent.  | 3.3 per cent.  |
| Special Grade .....     | 32.4 per cent. | 39.1 per cent. | 42.3 per cent. |
| First Grade .....       | 37.3 per cent. | 40.5 per cent. | 43.2 per cent. |
| Second Grade .....      | 27.2 per cent. | 16.1 per cent. | 11.0 per cent. |
| Off Grade .....         | .8 per cent.   | .2 per cent.   | .2 per cent.   |

Department of Agriculture,  
Dairy Commissioner's Office.  
Edmonton, January 15th, 1925.



**TABLE III.—CREAMERY BUTTER  
PRODUCTION IN ALBERTA**

| Year | Creameries | Lbs. of<br>Butter | Selling<br>Value | c. per lb. |
|------|------------|-------------------|------------------|------------|
| 1906 | 42         | 1,960,356         | \$ 415,800       | (21.21)    |
| 1907 | 45         | 1,487,924         | 350,000          | (23.52)    |
| 1908 | 51         | 2,097,394         | 526,800          | (25.12)    |
| 1909 | 54         | 2,476,975         | 600,000          | (24.22)    |
| 1910 | 60         | 2,238,078         | 575,000          | (25.69)    |
| 1911 | 56         | 2,543,368         | 635,000          | (24.97)    |
| 1912 | 53         | 3,010,755         | 823,500          | (27.35)    |
| 1913 | 49         | 4,115,537         | 1,090,475        | (26.50)    |
| 1914 | 46         | 5,444,806         | 1,417,000        | (26.02)    |
| 1915 | 57         | 7,544,148         | 2,021,448        | (26.79)    |
| 1916 | 57         | 8,521,784         | 2,619,248        | (30.74)    |
| 1917 | 66         | 8,944,171         | 3,414,541        | (38.18)    |
| 1918 | 56         | 9,053,237         | 4,025,851        | (44.47)    |
| 1919 | 53         | 11,822,890        | 6,132,739        | (51.87)    |
| 1920 | 53         | 11,821,291        | 6,555,509        | (55.45)    |
| 1921 | 44         | 13,048,493        | 4,543,007        | (34.82)    |
| 1922 | 54         | 15,417,070        | 5,126,843        | (33.25)    |
| 1923 | 75         | 17,868,853        | 5,891,186        | (32.97)    |
| 1924 | 89 Est.    | 21,500,000        | 6,772,500        | (31.50)    |

**TABLE IV.—FACTORY CHEESE  
PRODUCTION IN ALBERTA**

| Year | Cheese<br>Factories | Lbs. of<br>Cheese | Value        | c. per lb. |
|------|---------------------|-------------------|--------------|------------|
| 1906 | 7                   | 97,739            | 13,000       | (13.3)     |
| 1907 | 8                   | 197,911           | 27,000       | (13.6)     |
| 1908 | 8                   | 190,000           | 23,750       | (12.5)     |
| 1909 | 11                  | 224,000           | 28,000       | (12.5)     |
| 1910 | 11                  | 220,000           | 27,500       | (12.5)     |
| 1911 | 8                   | 100,000           | 14,000       | (14.0)     |
| 1912 | 6                   | 40,000            | 5,600        | (14.0)     |
| 1913 | 7                   | 70,716            | 5,900        | (14.0)     |
| 1914 | 5                   | 70,581            | 10,590       | (15.0)     |
| 1915 | 13                  | 381,832           | 68,441       | (17.93)    |
| 1916 | 15                  | 745,122           | 154,453      | (20.73)    |
| 1917 | 20                  | 1,274,905         | 280,185      | (21.97)    |
| 1918 | 11                  | 552,834           | 130,911      | (23.68)    |
| 1919 | 10                  | 520,530           | 145,161      | (27.9)     |
| 1920 | 7                   | 398,750           | 110,355      | (27.7)     |
| 1921 | 10                  | 930,660           | 200,478      | (21.54)    |
| 1922 | 14                  | 931,992           | 183,860      | (19.73)    |
| 1923 | 13                  | 1,865,608         | 368,771      | (19.76)    |
| 1924 | 12                  | 1,675,000         | Est. 262,975 | (15.7)     |







GRADING

Alberta

THE  
WORLD MARKET

GRADING - The KEY to the  
WORLD'S BUTTER MARKET